

ICS 215a - Incident Action Plan Safety Analysis		Version Name: Phase III		
Incident Name: Spirit Of Sacramento		Period: Phase III [09/27/2016 08:00 - 10/03/2016 09:00]		
Incident Area	Work Assignments	Hazards	Mitigations	Safety Considerations
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Security Task Force	<p>The Coast Guard will close the waterway beginning one day prior to the righting of the Spirit of Sacramento. The waterway closure will begin on the western side leading from the False River in approximate position: 38° 3' 12.15" N 121° 38' 10.6476" W moving east to the entrance of Franks Tract at approx position 38° 3' 1.8108" N 121° 37' 39.2844" W. This waterway closure will be necessary safety zone will be in place and on-water assets will be positioned at the three main entrances to the False River to divert traffic away from hot zone.</p> <p>Due to the amount of on-water equipment, resources and pre-deployed boom that will be in that area, no traffic will be allowed to pass and will be diverted away by the on water Security Task Force. The Security Task Force will be made up of three vessels from Contra Costa County and California Department of Fish and Wildlife. The dense grass and high rip-wrap around the shoreline severely limits the visibility of the wreck to incoming traffic. A large crane and barge should provide better visibility to the work area, but in the interest of safety the Security Task Force will be pre-positioned outside the exclusion zone. One vessel will be located northeast of the wreck near the bend in the False River. A</p>	<p>A potential of product in the water. Slips Trips Falls Heat, sun exposure Boaters unaware of operations High Speed approaches</p>	<p>PFD to be worn at all times Sun protection required Stay Hydrated Notify incoming boaters as early as i practicable. Use light and sound devices to gain attention. Immediately report all environmental impacts to environmental branch</p>	<p>Ensure proper PPE is worn at all times. PFD is required any time you are over water. The Area of Operation is known for cool mornings and warm/hot afternoons. Layer clothing and wear sunscreen. On-water operations for Phase III will be 12 hours, or possibly longer, in duration. Ensure you have enough food and water to stay hydrated and fed.</p> <p>Salvage operations include overhead hazards and heavy moving equipment. Unknown debris may discharge. Maintain a practice safe distance.</p> <p>Hard hat required if entering the exclusion zone.</p> <p>If you are unable to execute this work assignment for any reason call the OPS Section Chief immediately at 415-370-0043</p>
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	second will be located southeast at the snag entrance to Franks Tract. And a third to the west in the False River. The vessels will have lights and sound producing devices to alert boaters as they are approaching the exclusion zone. All traffic will be diverted away. A notice to mariners will continue to be broadcast and local marinas will be notified of the event and encouraged to relay that information to the boating public.			
Pollution Control Task Force	<p>A mobile on-water task force will be prepositioned near the exclusion zone with resources on board to collect recoverable product in the event of a discharge. Prior to the pick, the salvage master will meet with the pollution control task force supervisor and develop a communications strategy so that mobile assets can safely respond to the discharge and not jeopardize the safety of the salvage team during lifting evolution.</p> <p>All wildlife impacts will be reported to the environmental group leader immediately after addressing any safety concerns.</p>	<p>A potential of product in the water</p> <p>Slips Trips Falls</p> <p>Heat, sun exposure</p> <p>Overhead Hazards</p> <p>Navigation Hazards with current and boom</p>	<p>PFD to be worn at all times</p> <p>Sun protection required</p> <p>Stay Hydrated</p> <p>Recover oil immediately outside the exclusion zone.</p> <p>Do not enter the exclusion zone unless instructed by the salvage master.</p> <p>Wear head protection.</p> <p>Immediately report all environmental impacts to environmental branch.</p> <p>Maintain situational awareness.</p>	<p>The Pollution Control Task Force will be operational during the most complicated and potentially hazardous evolution of this incident. If a discharge were to occur, immediate response action by the Pollution Control Task Force should occur outside the exclusion zone. The Pollution Control Task Force will await down-current and retrieve recoverable product as it exits the exclusion zone. In order to assure that our first objective of responder and public safety is met, a direct communication line between the Salvage Master and the Pollution Control Task Force Leader should be established. Any sign of discharge should be immediately communicated to the Salvage Master and the intentions of the Pollution Task Force Leader should be notified.</p>
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Salvage Group	<p>Salvage divers will parbuckle the Spirit of Sacramento in effort to right, dewater and transit her to berth where her containinants can be safely removed and disposed.</p> <p>Follow approved Salvage Plan.</p> <p>Follow dive safety plan.</p>	<p>Potential of product in the water</p> <p>Slips Trips Falls</p> <p>Heat, sun exposure</p> <p>Overhead Hazards</p>	<p>PFD to be worn at all times</p> <p>Sun protection required</p> <p>Stay Hydrated</p> <p>Notify Pollution Control Team of any discharges and likely trajectories.</p> <p>Notify groups when they are entering an exclusion zone and instruct them to leave.</p> <p>Wear head protection.</p> <p>Immediately report all environmental impacts to environmental branch.</p> <p>Maintain situational awareness.</p>	<p>Salvage Team will follow Global Divings Site Safety and Health Plan at all times</p> <p>Ensure proper PPE is worn at all times.</p> <p>PFD is required any time you are over water.</p> <p>The Area of Operation is known for cool mornings and warm/hot afternoons. Layer clothing and wear sunscreen.</p> <p>On-water operations will be 12 hours in duration. Ensure you have enough food and water to stay hydrated.</p> <p>Salvage operations include underwater and out of water hot work. Maintain a practicle safe distance.</p> <p>Hard hat required when any overhead hazards are present.</p> <p>If you are unable to execute this work assignment for any reason call the OPS Section Chief immediately at 415-370-0043</p>
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